

**San Jacinto River: EPA Modeling Workshop #2**  
**Preliminary Model Calibration Results**

- Introductions, review modeling objectives **8:00 – 8:15**
- Review of model structure **8:15 – 8:30**
  - Hydrodynamic model
  - Sediment transport model
  - Chemical fate and transport model
  - Linkages between models
- Hydrodynamic model calibration **8:30 – 9:30**
  - Review of ADCP data collected during 2010 and 2011
  - Calibration approach
  - Calibration results
- BREAK** **9:30 – 9:45**
- Sediment transport model calibration **9:45 – 10:45**
  - Geochronology analysis of radioisotope cores
  - Calibration approach
  - Calibration results
- Chemical fate and transport model **10:45 – 11:45**
  - Review of key model inputs and underlying data sets
  - Model development updates
    - Expansion to include OCDD
    - Specification of external loads
    - Development of organic carbon inputs
  - Calibration approach
  - Results from initial model simulations